

Title (en)
MULTIPLE TOUCH SENSING MODES

Title (de)
MEHRFACHBERÜHRUNGSERFASSENDE MODI

Title (fr)
MODES DE DÉTECTION TACTILE MULTIPLES

Publication
EP 2836897 A4 20160210 (EN)

Application
EP 13775977 A 20130409

Priority
• US 201261621809 P 20120409
• US 201213621830 A 20120917
• US 2013035824 W 20130409

Abstract (en)
[origin: US2013265276A1] A touch controller of a computing device can adjust various modes of operation of a touch panel in order to conserve resources on the device. The touch controller can dynamically adjust a rate at which touch sensors are scanned, or can scan touch sensors for the display panel using a different mode than for a single input button or other such element. The touch controller can also operate in a low power mode while the device is in standby, and then activate a high power mode of operation upon detecting an input such as a double tap. The touch controller can also alternate between low and high power modes of operation based at least in part upon a current application executing on the device.

IPC 8 full level
G06F 3/044 (2006.01)

CPC (source: EP US)
G06F 3/041662 (2019.04 - EP US); **G06F 3/0446** (2019.04 - EP US)

Citation (search report)
• [I] US 2011298745 A1 20111208 - SOUCHKOV VITALI [US]
• [A] WO 2011137200 A1 20111103 - MICROCHIP TECH INC [US], et al
• [A] US 2012044199 A1 20120223 - KARPIN OLEKSADR [UA], et al
• [A] US 2012068964 A1 20120322 - WRIGHT DAVID G [US], et al
• [A] US 2010026656 A1 20100204 - HOTELLING STEVE PORTER [US], et al
• See references of WO 2013155098A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2013265276 A1 20131010; EP 2836897 A1 20150218; EP 2836897 A4 20160210; WO 2013155098 A1 20131017

DOCDB simple family (application)
US 201213621830 A 20120917; EP 13775977 A 20130409; US 2013035824 W 20130409